

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) An Application Service Provider delivery method, comprising:

providing a short-range radio frequency communications system, said system having a host computing device connected to a computer communications network over a physical communications link medium, said system being configured ~~[[both]]~~ to deliver ~~provide~~ components of Application Service Provider services over short-range radio communications links to wireless devices in a personal area network (PAN), and also to ~~retrieve~~ ~~receive~~ at least a portion of said components of said Application Service Provider services from ~~other~~ Application Service Providers in said computer communications network over said physical communications link medium, wherein said components of said Application Service Provider services comprise a plurality of different software programs from among which a user of a wireless device selects and interacts with via a short-range radio communications link;

establishing a short-range radio communications link with a wireless device in said PAN;

trans mitting to said wireless device over the short-range radio communications link a list of said Application Service Provider services;

receiving from said wireless device requests for at least one of said Application Service Provider services selected from said list of Application Service Provider services;

for each component of said selected Application Service Provider services,
determining if said host computing device can ~~provide~~ immediately deliver said

~~component said requested at least one Application Service Provider service without requiring further retrieval of said component assistance from another said Application Service Providers and immediately delivering said component to said wireless device if retrieval of said component is not required; and,~~

if said host computing device cannot ~~provide~~ deliver said component ~~said requested at least one Application Service Provider service without requiring further assistance retrieval of said component from said another Application Service Providers,~~ retrieving said component for said requested at least one Application Service Provider service from one of said another Application Service Providers over said physical communications link medium.

2. (Original) The method of claim 1, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:

establishing a BLUETOOTH-based communications link with said wireless device.

3. (Original) The method of claim 1, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:

establishing an IEEE 802.11b based communications link with said wireless device.

4. (Original) The method of claim 1, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:

establishing an IEEE 802.11a based communications link with said wireless device.

5. (Currently Amended) An Application Service Provider delivery system comprising ~~[[:]]~~ a host computing system configured to communicate both with a communications network over a physical communications link medium and also with a

plurality of wireless devices in a personal area network (PAN), said host system comprising: [[:]]

a short-range radio communications system for establishing and maintaining wireless communications in said PAN; [[and,]]

a memory element for storing a list of Application Service Provider services which can be accessed by said wireless devices in said PAN from said host computing system via the wireless communication between said host computing system and said wireless devices, said list indicating which components of said Application Service Provider services can be distributed to said wireless devices in said PAN, wherein said components of said Application Service Provider services in said list ~~residing~~ reside locally in said memory element ~~host computing system~~ and remotely in Application Service Provider servers in said communications network, wherein said components of said Application Service Provider services comprise a plurality of different software programs that execute on at least one of said host computing device and an Application Service Provider server, each of the different software programs being configured to be executed by said wireless device when received; and

a processing element for processing requests for delivering at least one of said Application Service Provider services to at least one of said wireless devices, wherein said components residing locally in said memory element are delivered to said wireless devices immediately, and wherein said components residing remotely are retrieved from said Application Service Providers and delivered to said wireless devices.

6. (Original) The system of claim 5, wherein said short-range radio communications system comprises:

a short-range radio communications system configured in accordance with BLUETOOTH specifications.

7. (Previously Presented) The system of claim 5, wherein said short-range radio communications system comprises:

a short-range radio communications system configured in accordance with IEEE 802.11a.

8. (Previously Presented) The system of claim 5, wherein said short-range radio communications system comprises:

a short-range radio communications system configured in accordance with IEEE 802.11b.

9. (Currently Amended) A ~~machine~~ computer-readable storage medium having stored thereon a computer program for delivering components for Application Service Provider services, said computer program comprising a routine set of instructions for performing the steps of:

establishing a short-range radio communications link ~~[[with]]~~ between a host computing device and a wireless device in a personal area network (PAN);

transmitting from ~~an Application Service Provider~~ said host computing device to said wireless device over said short-range radio communications link a list of Application Service Provider services from among which a user of said wireless device selects at least one to receive over said short-range radio communications link;

receiving requests ~~at said Application Service Provider~~ for selected Application Service Provider services at said host computing device from said wireless device, said Application Service Provider services comprising a plurality of components comprising different software programs ~~from among which a user of said wireless device selects at least one to receive over said short-range radio communications link;~~

for each component of said selected Application Service Provider services, determining if said host computing device can deliver said component of said requested

Application Service Provider services ~~can be provided~~ without requiring retrieval of said component further assistance from an external Application Service Provider and immediately forwarding said component to said wireless device in said PAN over said short-range radio communications link if retrieval of said component from said external Application Provider is not required; and,

if said component of said requested Application Service Provider services cannot be provided by said host computing system without requiring retrieval of said component from said external Application Service Provider, retrieving said co mponent requested ~~Application Service Provider services~~ from ~~[[an]]~~ said external Application Service Provider and forwarding said retrieved component ~~Application Service Provider services~~ to said wireless device in said PAN over said short-range radio communications link.

10. (Currently Amended) The ~~machine~~ computer-readable storage medium of claim 9, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:

establishing a BLUETOOTH-based communications link with said wireless device.

11. (Currently Amended) The ~~machine~~ computer-readable storage medium of claim 9, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:

establishing an IEEE 802.11b based communications link with said wireless device.

12. (Currently Amended) The ~~machine~~ computer-readable storage medium of claim 9, wherein said step of establishing a short-range radio communications link with said wireless device in said PAN comprises:

establishing an IEEE 802.11a based communications link with said wireless device.

13. (Currently Amended) An Application Service Provider delivery method, comprising:

providing a short-range radio frequency communications system, said system having a host computing device connected to a computer communications network over a physical communications link medium, said system being configured ~~[[both]]~~ to deliver components of ~~provide~~ Application Service Provider services over short-range radio communications links to a wireless device in a personal area network (PAN), and also to ~~receive~~ retrieve over said physical communications link medium at least a portion of said components for available Application Service Provider services from ~~[[other]]~~ Application Service Providers in said computer communications network, ~~[[and]]~~ wherein said components of said available Application Service Provider services comprise ~~comprising~~ a plurality of different software programs from among which a user of a wireless device can select at least one;

establishing a short-range radio communications link with a wireless device in said PAN;

transmitting a list of said ~~[[A]]~~ available Application Service Provider services from said host computing device ~~Application Service Provider~~ to said wireless device over one of the short-range radio communications links;

said wireless device requesting to ~~from~~ said ~~Application Service Provider~~ host computing device at least one ~~[[A]]~~ available Application Service Provider service listed among the list of said ~~[[A]]~~ available Application Service Provider services;

for each component of said at least one requested Application Service Provider service, determining if said host computing device can provide said component for said requested at least one Application Service Provider service without requiring ~~further~~ assistance retrieval of said component from ~~another~~ said Application Service Providers

and immediately forwarding to said wireless device said component if retrieval of said component from said Application Service Providers is not required; and,

if said host computing device cannot ~~provide~~ forward said requested at least one Application Service Provider service without requiring ~~further assistance~~ retrieval of said component from ~~another~~ said Application Service Providers, retrieving said component at ~~least one Application Service Provider service~~ from said ~~another~~ Application Service Providers over said physical communications link medium and forwarding said retrieved component at ~~least one Application Service Provider service~~ to said wireless device in said PAN over said short-range radio communications link.

14. (Previously Presented) The method of Claim 13, wherein said list of Available Service Provider services is transmitted to said wireless device in response to a query transmitted by said wireless device.

15. (Previously Presented) The method of Claim 13, wherein said list of Available Service Provider services is transmitted to said wireless device automatically from said Available Service Providers in response to detecting a presence of said wireless device within said PAN.

16. (Previously Presented) The method of Claim 13, further comprising determining whether said wireless device is a valid subscriber of said Available Service Providers services.

17. (Previously Presented) The method of Claim 16, further comprising prompting said wireless device to register with the Available Service Providers if said wireless device is not a valid subscriber.

18. (Previously Presented) The method of Claim 13, wherein the list of available services is determined based upon at least one of prioritization, transaction statistics, resources of said wireless device, and resources of said communications system.

19. (Previously Presented) The method of Claim 1, wherein each of the different software programs is configured to be executed by said wireless device.

20. (Previously Presented) The method of Claim 13, wherein each of the different software programs is configured to be executed by said wireless device.